

In the claims:

Please amend claims 3, 12 and 13 as indicated, and cancel claims 1, 2, 4, 5, 11 and 14-17, without prejudice.

1-2. Canceled

3. (Currently amended) ~~The method of claim 1, further comprising the steps of:~~ A method for enhancing a digital signal, comprising:

receiving a compressed digital signal from a modulated communication and/or storage medium; and

modifying the digital signal such that an enhancement aspect is composited within a redundant aspect of the digital signal forming an enhanced digital signal;

decoding the compressed digital signal according to a standard method to form a standard decoded frame;

demultiplexing meta data associated with the digital signal;

upsampling the digital signal according to the meta data;

interpolating a first image frame prediction based on the results of the standard decoding and the upsampling; and

fusing the standard decoded frame, the interpolated standard decoded frame, and one or more previously enhanced frames.

4-5. Canceled.

6. (Original) A method for diffusing data within standard-coded digital image data, comprising the steps of:

identifying a compressed image aspect in a series of compressed image representations;

determining redundant representations of the compressed image aspect within the series of compressed image representations; and

modifying a redundant representation to form a modified-representation such that the aspect is more completely conveyed by the series of compressed image representations.

7. (Original) The method of claim 6, further comprising the steps of:
comparing the modified-representation with an alternatively-modified
representation to form a comparison; and

causing the modified-representation or alternatively-modified representation to be
formed in accordance with the comparison.

8. (Original) A modified representation formed according to the method of
claim 6.

9. (Original) A diffuser comprising:
means for identifying an image aspect in a series of compressed image
representations;

means for determining redundant representations of the image aspect within
further series of image representations; and

means for modifying a redundant representation such that the aspect is more
completely conveyed by the series of compressed image representations.

10. (Original) The diffuser of claim 9, wherein:
the means for identifying the image aspect in the series of compressed image
representations comprises a compressed image aspect detector;

the means for determining redundant representations of the image aspect within
further series of image representations comprises a redundant compressed image
aspect representation detector coupled to the compressed image aspect detector; and

the means for modifying the redundant representation such that the aspect is
more completely conveyed by the series of compressed image representations
comprises a redundant representation modifier coupled to the redundant compressed
image aspect representation detector.

11. Canceled.

12. (Currently amended) ~~The method of claim 11, further comprising the~~
~~steps of:~~ A method of enhancing a video frame, comprising the steps of:

enhancing a first image frame in an encoder;

analyzing the first image frame to determine a coding and a reconstruction of the
first image frame;

optimizing a sequential frame based at least partly on the coding and reconstruction of the first image frame

injecting a controlled alias signal component into an encoded video signal in the encoder; and

describing the controlled alias signal component in meta-data associated with the encoded video signal.

13. (Currently amended) ~~The method of claim 11, further comprising the step of:~~ 11. (Original) A method of enhancing a video frame, comprising the steps of:

enhancing a first image frame in an encoder;

analyzing the first image frame to determine a coding and a reconstruction of the first image frame;

optimizing a sequential frame based at least partly on the coding and reconstruction of the first image frame;

fusing the first frame and the sequential frame via an enhanced reconstruction technique such that the first frame and the sequential frame have a substantially consistent quality.

14-17. Canceled.